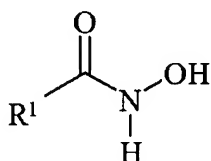


CLAIMS LISTING

1.(currently amended) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴, -OCR⁵R⁶R⁷ and -NR⁸R⁹,

R², R³, R⁵, R⁶ and R⁸ are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or

unsaturated aliphatic groups substituted with heteroatoms, a substituted or

unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated

alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, ~~a substituted or unsubstituted aromatic or heteroaromatic ring;~~

R⁴, R⁷ and R⁹ are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, ~~a substituted or unsubstituted aromatic or heteroaromatic ring;~~

R³ and R⁴ may represent the necessary atoms to form a 5- to 8-membered ring,

R⁵ and R⁷ may represent the necessary atoms to form a 5- to 8-membered ring, and

R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring.

2.(original) An ink-jet recording material according to claim 1 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

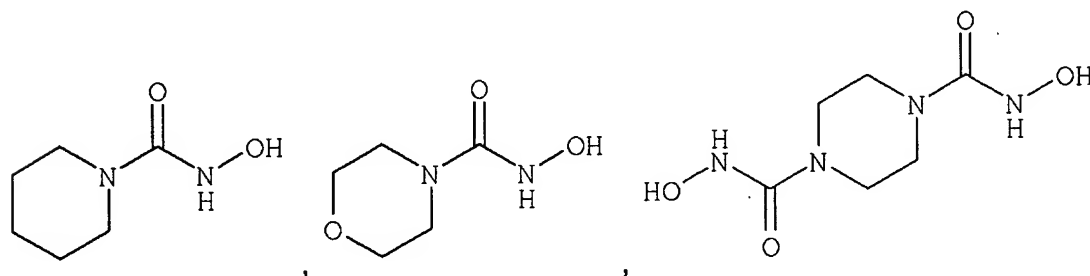
3.(original) An ink-jet recording material according to claim 2 wherein said filler is an inorganic filler.

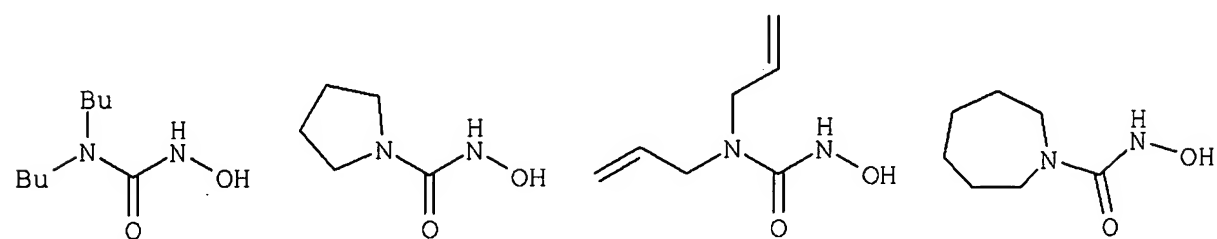
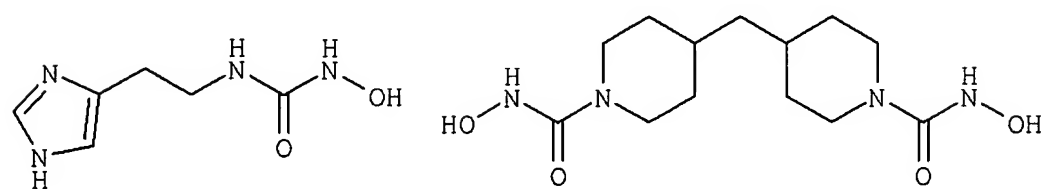
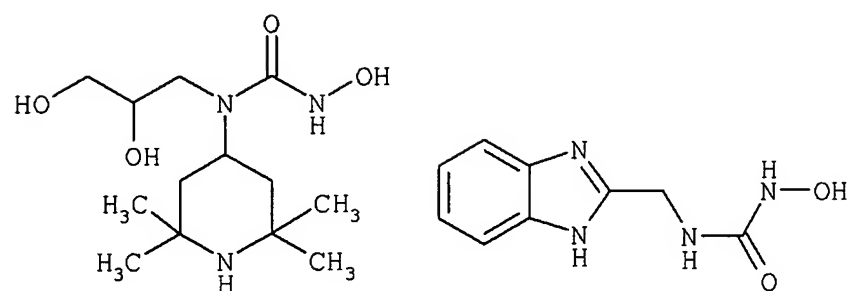
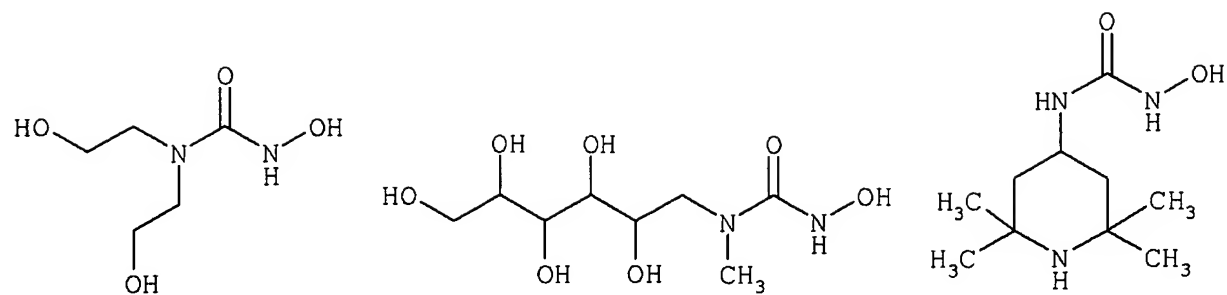
4.(original) An ink-jet recording material according to claim 3 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

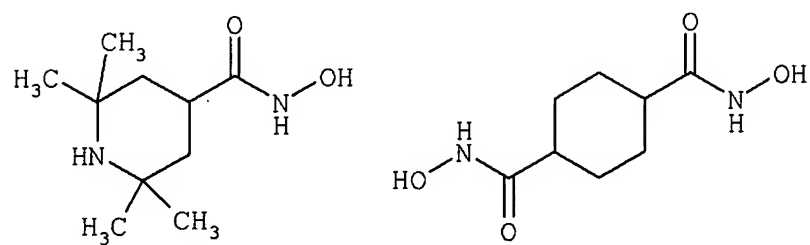
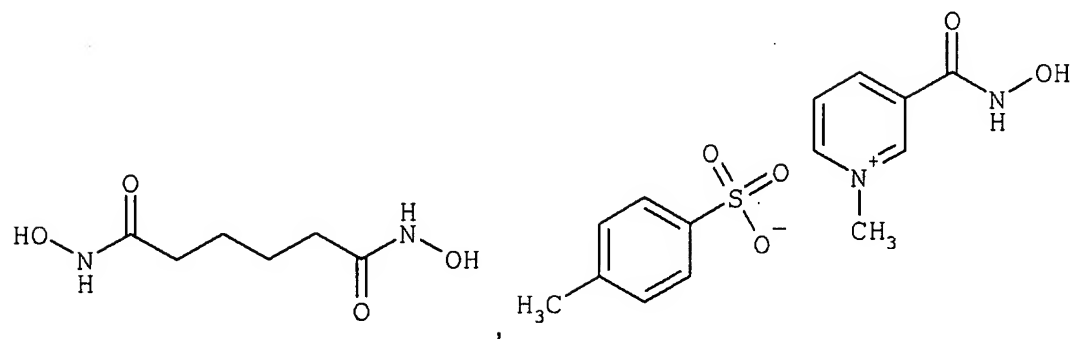
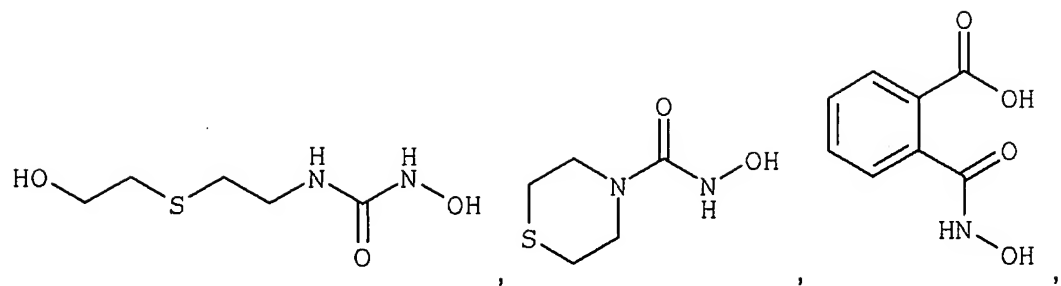
5.(original) An ink-jet recording material according to claim 1 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

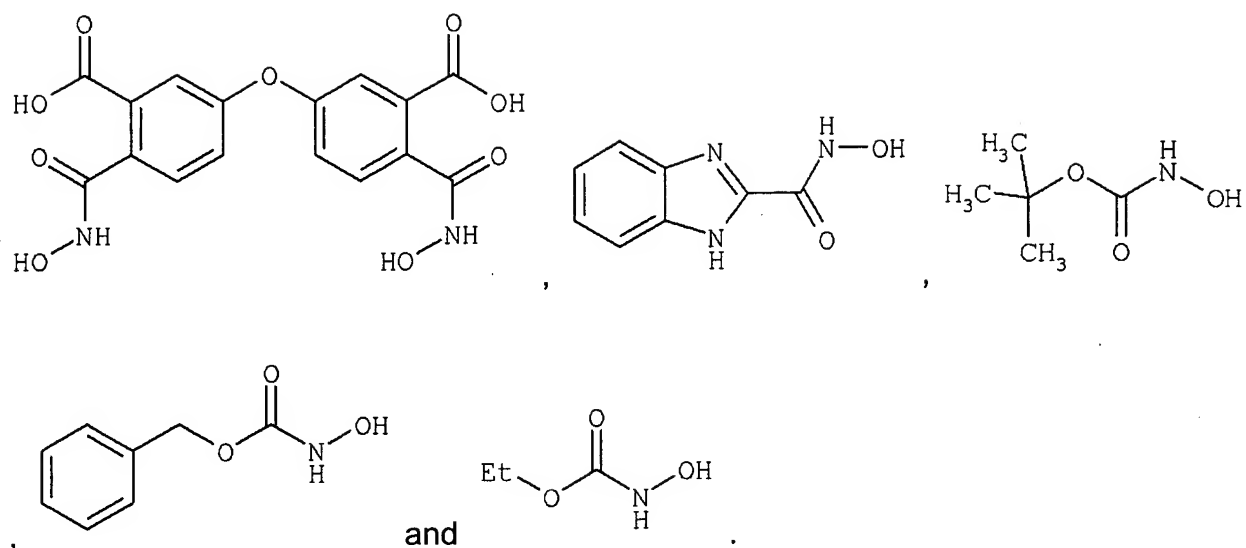
6.(original) An ink-jet recording material according to claim 5 wherein said hydrophilic binder is a polyvinyl alcohol.

7.(original) Ink-jet recording material according to claim 1, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of





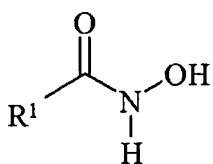




8.(cancelled)

9.(cancelled)

10.(original) An ink-jet image comprising at least one ink-jet ink on an ink-jet recording material, wherein said ink-jet image contains a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴, -OCR⁵R⁶R⁷ and -NR⁸R⁹,

R², R³, R⁵, R⁶ and R⁸ are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R⁴, R⁷ and R⁹ are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

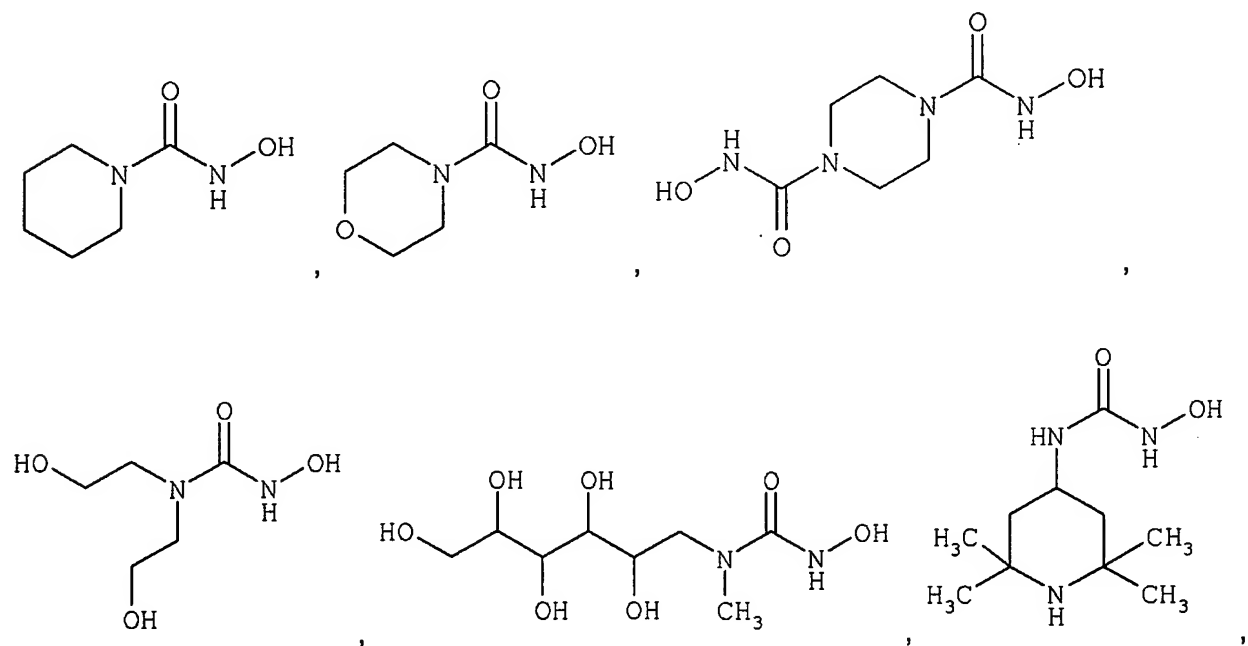
R³ and R⁴ may represent the necessary atoms to form a 5- to 8-membered ring,

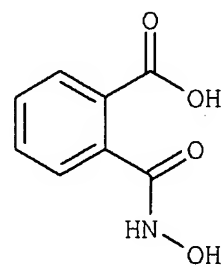
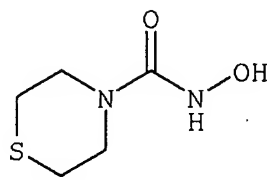
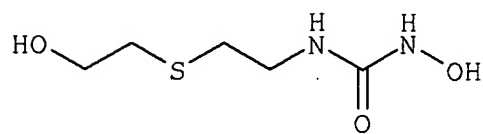
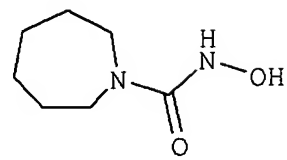
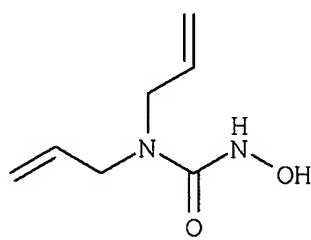
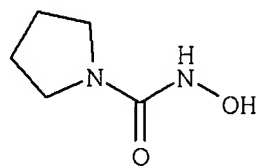
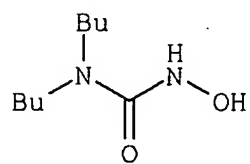
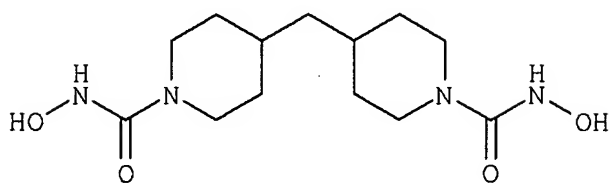
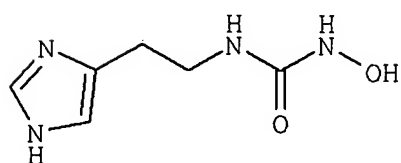
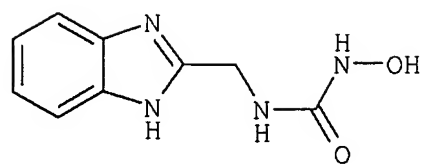
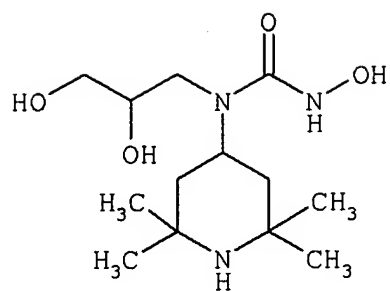
R⁵ and R⁷ may represent the necessary atoms to form a 5- to 8-membered ring, and

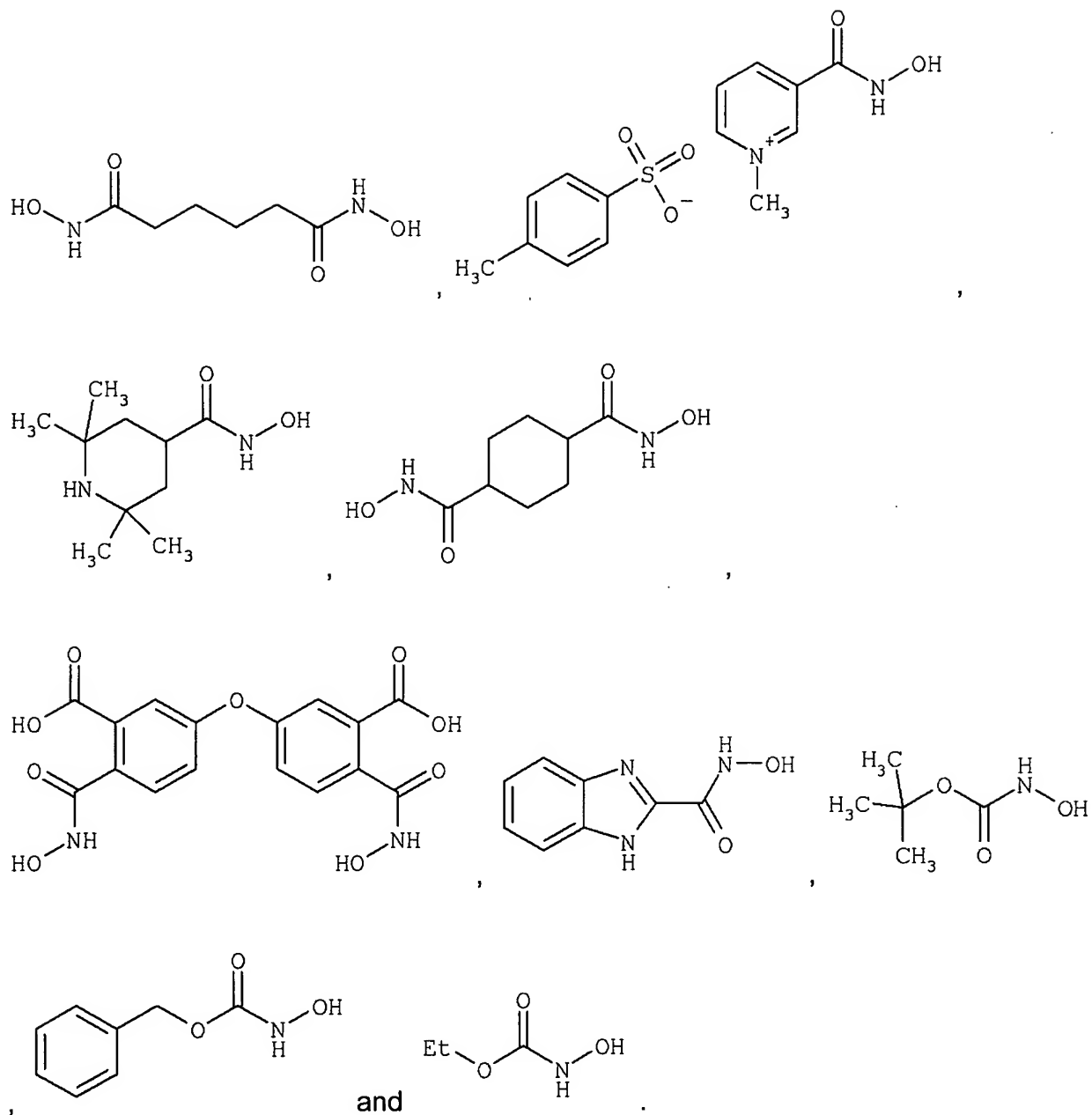
R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring.

11.(original) Ink-jet image according to claim 10, wherein said non-polymeric

compound according to formula (I) is selected from the group consisting of

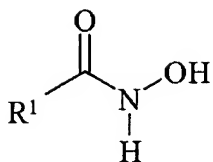






12.(original) A process for the use of a non-polymeric compound according to formula

(I) :



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴, -OCR⁵R⁶R⁷ and -NR⁸R⁹,

R², R³, R⁵, R⁶ and R⁸ are independently selected from the group consisting of

hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or

unsaturated aliphatic groups substituted with heteroatoms, a substituted or

unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated

alicyclic groups and saturated or unsaturated alicyclic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R⁴, R⁷ and R⁹ are independently selected from the group consisting of unsubstituted

saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups

substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic

ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

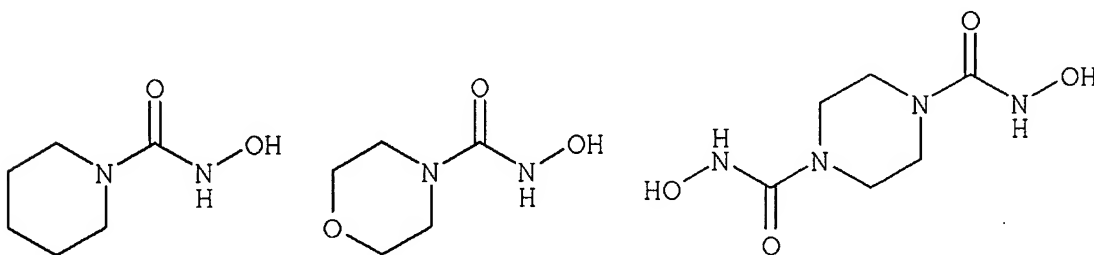
R³ and R⁴ may represent the necessary atoms to form a 5- to 8-membered ring,

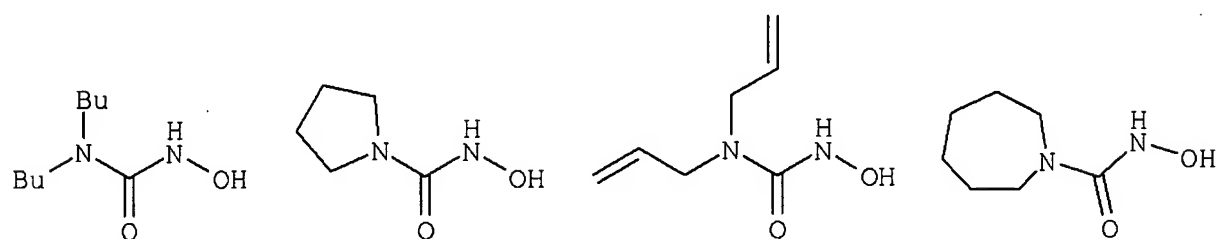
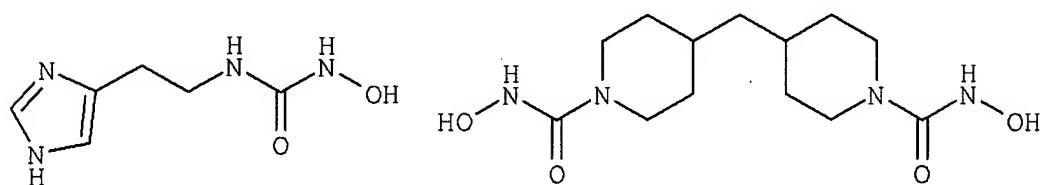
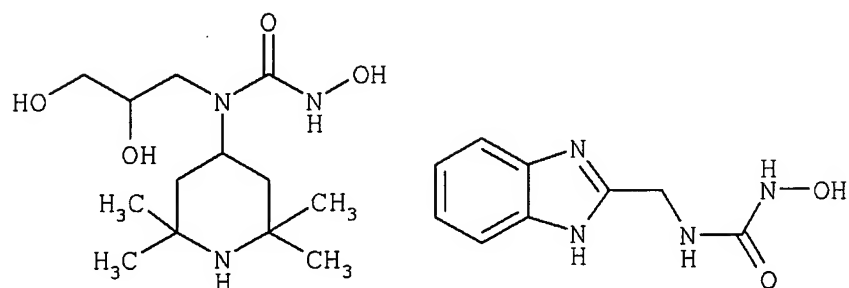
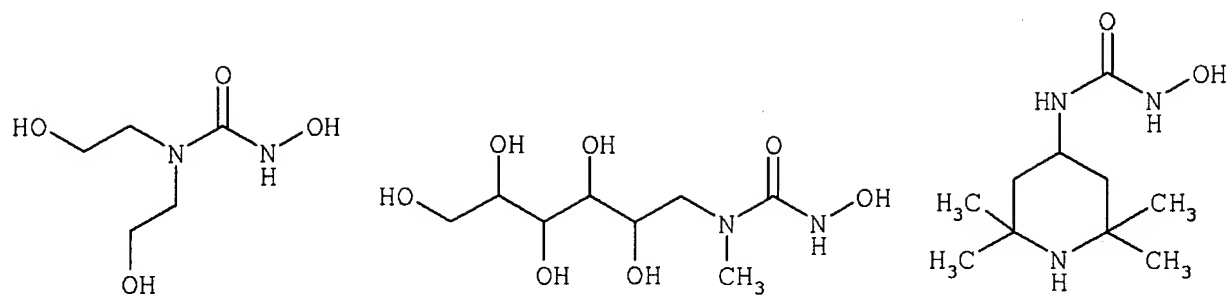
R⁵ and R⁷ may represent the necessary atoms to form a 5- to 8-membered ring, and

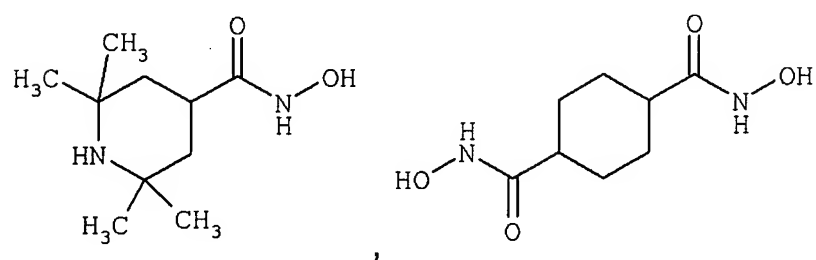
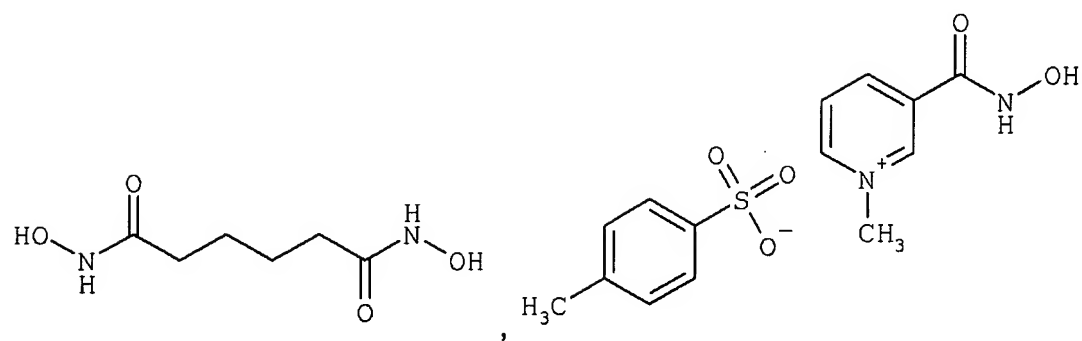
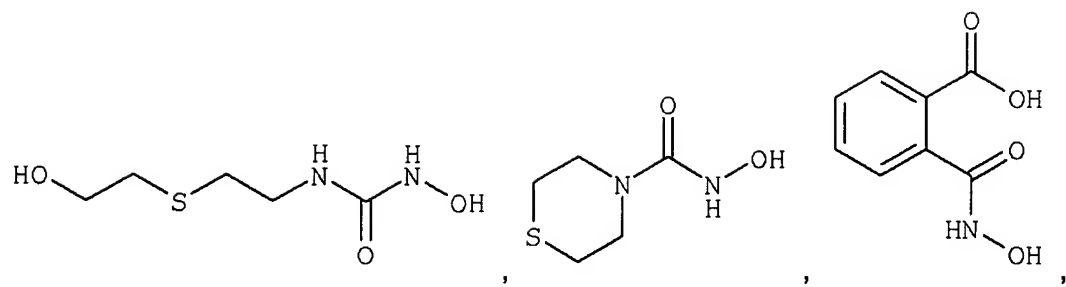
R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring;

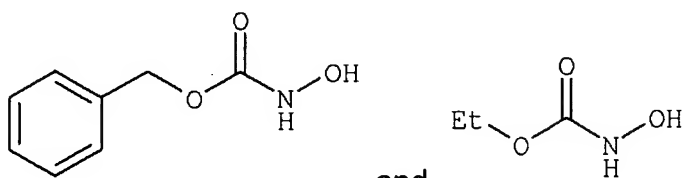
comprising the step of including said non-polymeric compound in an ink-jet ink, an ink-jet recording material or a liquid for coating on an ink-jet image.

13.(original) Process according to claim 12, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of









and

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